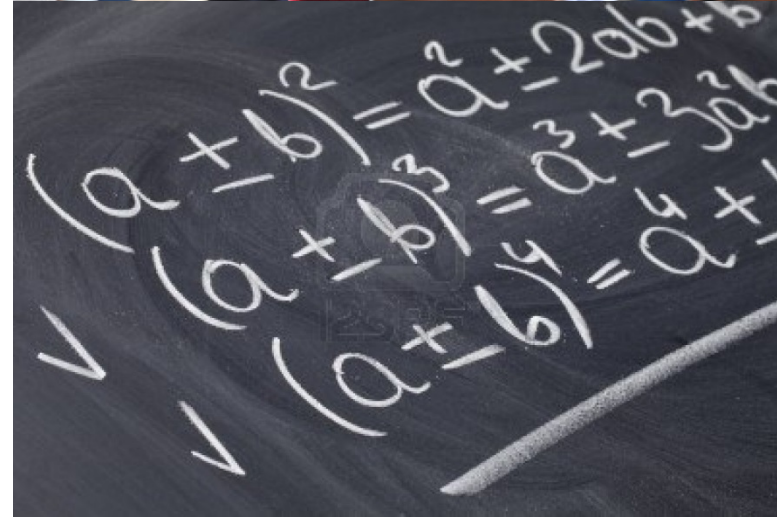
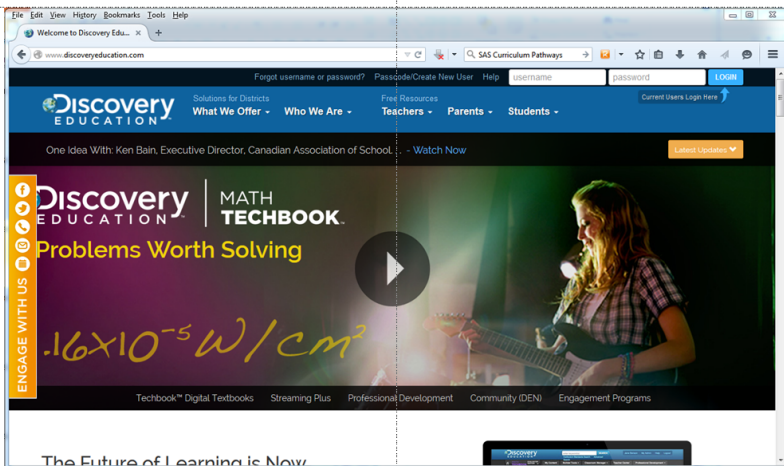


Office of Professional Development and Curriculum

TEACHER RESOURCES



Discovery Education *STREAMING*



www.discoveryeducation.com

SAS Curriculum Pathways



www.sascurriculumpathways.com

Standards Aligned System (SAS)



www.pdesas.org

Pennsylvania Learns – iTunes U.



www.apple.com/itunes/download/

Discovery Education *STREAMING*

The screenshot shows the Discovery Education website interface. At the top, there's a navigation bar with links like 'File', 'Edit', 'View', 'History', 'Bookmarks', 'Tools', and 'Help'. Below this is a search bar containing 'SAS Curriculum Pathways'. The main header features the 'Discovery EDUCATION' logo and navigation links: 'Solutions for Districts', 'What We Offer', 'Who We Are', 'Free Resources', 'Teachers', 'Parents', and 'Students'. A 'LOGIN' button is also present. The main content area has a large video player with a play button. The video title is 'Problems Worth Solving' and it features the 'Discovery EDUCATION | MATH TECHBOOK' logo. The video content shows a young woman playing a guitar, with the mathematical expression $.16 \times 10^{-5} \text{ W/cm}^2$ overlaid. To the left of the video player is a vertical sidebar with social media icons and the text 'ENGAGE WITH US'. Below the video player, there are links for 'Techbook™ Digital Textbooks', 'Streaming Plus', 'Professional Development', 'Community (DEN)', and 'Engagement Programs'. At the bottom, a banner reads 'The Future of Learning is Now'.

File Edit View History Bookmarks Tools Help

Welcome to Discovery Edu... x +

www.discoveryeducation.com

SAS Curriculum Pathways

Forgot username or password? Passcode/Create New User Help username password LOGIN

Discovery EDUCATION™

Solutions for Districts What We Offer Who We Are Free Resources Teachers Parents Students

Current Users Login Here

One Idea With: Ken Bain, Executive Director, Canadian Association of School... - Watch Now Latest Updates

Discovery EDUCATION™ | MATH TECHBOOK™

Problems Worth Solving

$.16 \times 10^{-5} \text{ W/cm}^2$

ENGAGE WITH US

Techbook™ Digital Textbooks Streaming Plus Professional Development Community (DEN) Engagement Programs

The Future of Learning is Now

www.discoveryeducation.com

SAS Curriculum Pathways

The screenshot shows a web browser window displaying the SAS Curriculum Pathways website. The browser's address bar shows the URL <https://www.sascurriculumpathways.com/portal/>. The website's header features the logo "SAS Curriculum Pathways" and navigation links for "Sign Up", "Log In", and a "QL #" field with a "Go" button. Below the header is a blue navigation bar with links for "Professional Development", "Standards", "Favorites", and "Community".

On the left side, there is a "Search for Resources" input field with a magnifying glass icon. Below this is a "Browse Resources" section with a list of subjects: "English Language Arts", "Mathematics", "Science", "Social Studies", "Spanish", and "More Cool Tools".

The main content area features a large banner with a photo of four diverse students. Text on the banner reads: "Interactive, standards-based resources in the core disciplines". Below the photo, it says "Sign Up FREE for Students and Educators".

On the right side of the banner, there is a list of links: "Sign Up", "View A Demo", "System Requirements", "Professional Development", and "Individual Student Accounts: FAQ". Below these links are social media icons for Facebook, Twitter, RSS, YouTube, and Pinterest.

Below the banner, there is a section for "SAS Writing Navigator". It includes a graphic of the Writing Navigator interface and text stating: "Available for free, the SAS Writing Navigator is a suite of tools that provides guidance and support throughout the writing process: planning, drafting, revising, and publishing." It also mentions availability on the "App Store" and "Google Chrome Store".

On the bottom right, there is a "Pathfinders Blog" section. It features a "Recent Posts" list with the title "Black History Month: Honoring Science Pioneers" and a small image of a dog. The text below the post reads: "Following up our Black History Month look at mathematicians, let's take a look at African Americans who have made their ...".

www.sascurriculumpathways.com

Standards Aligned System (SAS)

The screenshot shows the homepage of the Pennsylvania Standards Aligned System (SAS) website. The browser address bar displays www.pdesas.org. The page features the Pennsylvania Department of Education logo and the SAS logo. A navigation menu includes links for Standards, Assessment, Curriculum Framework, Instruction, Materials & Resources, and Safe & Supportive Schools. A central banner titled "Personal Finance Resources for Educators" provides information about PK-12 curriculum maps in personal finance. A sidebar on the left lists site updates, including SIS Standards, iTunes U K-5 Science Courses, and a registration notice for SAS 101. The bottom right corner contains links for Registered Users to login and New Users to join, along with logos for Teachscape and iR HomeRoom.

File Edit View History Bookmarks Tools Help

SAS - Pennsylvania Depart... x +

www.pdesas.org

SAS Curriculum Pathways

Welcome, Guest Login Teacher Tools Home Help

Search Advanced Search

Standards Assessment Curriculum Framework Instruction Materials & Resources Safe & Supportive Schools

Standards

Safe and Supportive Schools

Assessment

Curriculum Framework

Instruction

Materials & Resources

Student Achievement

Personal Finance Resources for Educators

The Pennsylvania Department of Education has developed PK-12 curriculum maps in personal finance based on Pennsylvania academic standards. Created by Pennsylvania educators, the maps are guides for schools and districts to review, revise, and create their curricula using these as a foundation or reference.

[Click here](#) to access the Personal Finance maps.

SAS PORTAL SITE UPDATES

2/18/2015 SIS Standards
As part of its review process, PDE will be seeking feedback on the Student ...

2/4/2015 iTunes U K-5 Science Courses
PDE is seeking educators to assist in the completion of Pennsylvania ...

2/2/2015 REGISTER NOW FOR SAS 101
A series of one-day SAS 101

Registered User? Login

New User? Join Now!

teachscape
Teachscape Framework for Teaching Effectiveness Series

iR HOMEROOM

www.pdesas.org

Pennsylvania Learns – iTunes U.

iTunes U > Pennsylvania Learns

Pennsylvania Learns
pennsylvania
DEPARTMENT OF EDUCATION

Collection About

Keystone Courses Featured ▾

Mathematics: Algebra 1
English Language Arts: Grade 10
Biology: Bioenergetics Unit
Biology: Basic Biological Principles
Biology: Chemical Basis of Life Unit
Biology: Homeostasis and...
Biology: Ecology Unit
Biology: Evolution Unit
Biology: Cell and Cycle Reproduction
Biology: Genetics Unit

See All >

Categories:
Literature
Mathematics
Science

Partners:
PAESSP
PASA
PASCD
PAIU

Websites:
Pennsylvania Department of Education
SAS

All Courses Featured ▾

English Language Arts: Grade 8
Mathematics: Grade 6
Biology: Cell and Cycle...
Biology: Chemical Basis of Life Unit
Mathematics: Grade 5
Biology: Genetics Unit
Biology: Basic Biological Principles
English Language Arts: Grade 11
Biology: Ecology Unit
Biology: Bioenergetics Unit

See All >

www.apple.com/itunes/download/

Overview

User Guides

Video Tutorials

OVERVIEW

User Guides

Video Tutorials

CURRICULUM RESOURCES

DISCOVERY EDUCATION

With Discovery Education Streaming, educators can address multiple learning styles through more than 100,000 standards-aligned digital resources: instructional videos, skill builders, games, audio files, images, writing prompts, and encyclopedia articles. Inspire students' curiosity with exclusive, award-winning content from Discovery Networks and renowned educational producers. Discovery Education Streaming also provides a destination that supports Common Core implementation through curriculum, instruction, and assessment resources.

>> **Website:** www.discoveryeducation.com

Overview

USER GUIDES

Video Tutorials

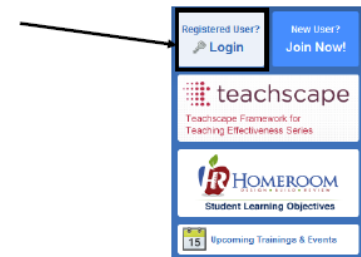
Navigating SAS

The Standards Aligned Systems (SAS) is the Pennsylvania Department of Education's model for achieving consistent, standards-based, sustainable educational improvement across the Commonwealth's public education system.

Teachers can participate in a virtual community that allows them to access important information while encouraging the sharing of educational resources that are fully aligned to the Pennsylvania Academic and Core Standards.

Creating a SAS Account:

1. Navigate to the web address: <http://www.pdesas.org/>
2. Click the **Join Now** button.



3. Enter your **First Name**, **Last Name**, and professional **Email** address.

Form fields for Password and Confirm Password, with a Submit button.

Password
Confirm Password
Submit

Form fields for First Name, Last Name, and Email.

First Name
Betty
Last Name
Teacher
Email
bteacher@pa.gov

4. Enter a **Password**, and then **Confirm** the new **Password** by typing it again.

NOTE: Passwords must contain at least 6 characters (numbers or letters).



Overview

User Guides

VIDEO TUTORIALS



BCIU


File Edit View History Bookmarks Tools Help

Berks County Intermediate ...

www.berksiu.org

Pennsylvania Learns

ABOUT US ADMINISTRATIVE OFFICES PROGRAMS & SERVICES BERKS COUNTY SCHOOLS PARTNERS



BCIU
Berks County
Intermediate Unit
an educational service agency



Find us on
Facebook

SEARCH BCIU

type your search term and enter...

— QUICKLINKS —

EDUCATION DIRECTORY

Click to view
the 2015
Education




GIFTED STUDENT WORKSHOPS

EMERGENCY INFO

Emergency messages will
appear below when posted:

EMPLOYMENT



Check out available job
opportunities at BCIU.

LEGISLATIVE UPDATE



www.berksiu.org



SEARCH BCIU

— QUICKLINKS —

EDUCATION DIRECTORY



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the 2015
Education



GIFTED STUDENT WORKSHOPS



EMERGENCY INFO

Emergency messages will
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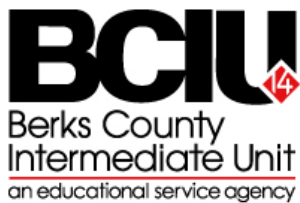
EMPLOYMENT



Check out available job
opportunities at BCIU.

LEGISLATIVE UPDATE



ABOUT US ADMINISTRATIVE OFFICES PROGRAMS & SERVICES BERKS COUNTY SCHOOLS PARTNERS**SEARCH BCIU**

type your search term and enter...

— QUICKLINKS —

EDUCATION DIRECTORY

Click to view
the 2015
Education

EXECUTIVE OFFICE SERVICES**BUSINESS SERVICES****EARLY CHILDHOOD & STUDENT SERVICES****HUMAN RESOURCES****INNOVATION & TECHNOLOGY****PROFESSIONAL DEVELOPMENT & CURRICULUM****GIFTED STUDENT WORKSHOPS****EMERGENCY INFO**

Emergency messages will
appear below when posted:

EMPLOYMENT

Check out available job
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LEGISLATIVE UPDATE



ABOUT US

ADMINISTRATIVE OFFICES

PROGRAMS & SERVICES



Find us on
Facebook

SEARCH BCIU

type your search term and enter...

EXECUTIVE OFFICE SERVICES

BUSINESS SERVICES

EARLY CHILDHOOD & STUDENT SERVICES

HUMAN RESOURCES

INNOVATION & TECHNOLOGY

PROFESSIONAL DEVELOPMENT & CURRICULUM





SEARCH BCIU

type your search term and enter...

PROFESSIONAL
DEVELOPMENT AND
CURRICULUM

- MY LEARNING PLAN
- CURRICULUM
- CURRICULUM RESOURCES

PROFESSIONAL DEVELOPMENT AND CURRICULUM



Talk about lifelong learning: educators continually visit classrooms – as students themselves!

From learning the latest in classroom technology tools, to continuing professional education courses, to training in curriculum evaluation, and more, the BCIU offers educators and administrators a wealth of professional development experiences.

The National Education Association believes that "professional development should be required throughout the career of education support professionals. Professional development programs should provide equal opportunities for these employees to gain and improve the knowledge and skills important to their positions and job performance. These programs should assure that appropriate education employees have a decisive voice at every stage of planning, implementation, and evaluation."

The BCIU Office of Professional Development offers many classes, workshops, and special services for the educators of Berks County.

>> [Click here for a printable "Request for Professional Development" form \(updated 11/2014\).](#)

When requesting Assistive Technology, please submit the following form TOGETHER with the

SEARCH BCIU

type your search term and enter...

**PROFESSIONAL
DEVELOPMENT AND
CURRICULUM**

- MY LEARNING PLAN
- CURRICULUM
- CURRICULUM RESOURCES
- EDUCATOR EFFECTIVENESS
- IDEA
- NETWORK GROUPS
- PROFESSIONAL DEVELOPMENT
- TECHNOLOGY
- SPECIAL SERVICES



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PROFESSIONAL DEVELOPMENT AND CURRICULUM

- MY LEARNING PLAN
- CURRICULUM
- CURRICULUM
RESOURCES
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DEVELOPMENT
- TECHNOLOGY
- SPECIAL SERVICES



CURRICULUM

knowledge and

These programs

have a decisive voice at every stage

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>> [Click here for a printable "Request for Professional Development"](#)

When requesting Assistive Technology, please complete the Request for Professional Development form.

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>> [Click here for a printable "Request for Professional Development"](#)



www.discoveryeducation.com

With Discovery Education Streaming, educators can address multiple learning styles through more than 100,000 standards-aligned digital resources: instructional videos, skill builders, games, audio files, images, writing prompts, and encyclopedia articles. Inspire students' curiosity with exclusive, award-winning content from Discovery Networks and renowned educational producers. Discovery Education Streaming also provides a destination that supports Common Core implementation through curriculum, instruction, and assessment resources.

Accessing Discovery Education Streaming

1. Visit www.discoveryeducation.com.
2. Click on "Passcode/Create New User" at the top of the page.
3. Enter your school building's PASSCODE to create an account. A passcode allows new users to create and register a personal username and password for access to Discovery Education Streaming. If you were already provided with a username and password, please [login here](#). Contact your school's Discovery Education administrator to obtain your PASSCODE, or email Judy High (judhig@berksiu.org) at the Berks County Intermediate Unit.
4. Follow the directions to create your free account, username, and password.

Video Tutorials

- [Discovery Education](#) (promotional video)
- [Logging into Discovery Education Streaming](#)
- [Narrowing your search results](#)

SAS CURRICULUM PATHWAYS



www.sascurriculumpathways.com

Available to educators and students at no cost, SAS Curriculum Pathways provides interactive, standards-based resources in English language arts, mathematics, science, social studies, and Spanish for use in traditional, virtual, and home schools. SAS Curriculum Pathways approach is innovative, but the goals are traditional. The resource targets content that is difficult to convey with conventional methods—topics where doing and seeing provide information and encourage insights in ways that textbooks cannot. Built in accordance with how students learn, SAS Curriculum Pathways provides engaging content linked to state and common core standards. The learner-centered approach targets higher-order thinking skills, requiring students to apply, evaluate, or synthesize information to produce measurable outcomes. Resources incorporate formative and summative assessments and can be differentiated to meet varied curricular, instructional, and technology needs.

Educators accessing SAS Curriculum Pathways

1. Visit <https://www.sascurriculumpathways.com/portal>.
2. Click on "Sign Up" in the upper right corner.
3. Follow the directions to create your free account, username, and password.

Video Tutorials

- [SAS Curriculum Pathways \(overview\)](#)
- [Creating a SAS Curriculum Pathways User Account](#)

STANDARDS ALIGNED SYSTEM – SAS



www.pdesas.org

The SAS portal is designed to organize and deliver educational content carefully aligned to the Pennsylvania Academic and Core Standards and provide educators with integrated classroom tools to enhance their teaching effectiveness. The SAS portal also provides Pennsylvania educators with leading edge networking technologies that create opportunities to communicate and collaborate with peers across the Commonwealth. SAS, or the Standards Aligned System, is a “comprehensive approach to support student achievement across the Commonwealth.”

SAS, or the Standards Aligned System, is a “comprehensive approach to support student achievement across the Commonwealth.” The SAS Portal is both a website and a flexible database that allows educators to have instant access to the following categories of information: clear standards, fair assessments, curriculum framework, instruction, materials and resources, and interventions. The SAS Portal provides more direction than ever before about what should be taught when, and uses learning-focused language and strategies to do so!

Support documents

- SAS Full Training Manual (1.13.2014)
- SAS Glossary of Terms (10.2012)
- Standard and Anchor Coding (12.17.2012)
- SAS Materials and Resources Keyword Search Tips (1.11.2013)
- SAS CM Creator Manual (4.3.2012)
- PA Core Standards Instructional Frameworks (4.9.2014)
- Statewide System of Support Data Collection Tool (09.30.2014)

Accessing the SAS Portal

1. Visit www.pdesas.org.
2. Click on “Login” toward the top of the page.
3. Click on “Join Now” and follow the directions to create your free account, username, and password.

Video Tutorials

- [Create a SAS – Standards Aligned System User Account](#)
- [Log into the SAS – Standards Aligned System Website](#)

PENNSYLVANIA LEARNS iTunes U COURSES



Pennsylvania Learns iTunes U is an easy-to-use tool that provides resources and activities designed to enhance what Pennsylvania students learn and help bring classroom lessons to life. Created by Pennsylvania educators, Pennsylvania Learns serves as a virtual one-stop-shop of valuable resources by assembling video footage and web content from subject matter experts, as well as thousands of pages from libraries across the world.

Organized around instructional framework modules available in the Standards Aligned System (SAS) portal, each course contains rich content and robust resources that have been vetted to assure alignment to the standards. Whereas SAS is centered on helping teachers develop and align their curriculum, Pennsylvania Learns helps that curriculum come alive with engaging activities and resources. The resources can be used in a wide-array of efforts – from helping students grasp challenging concepts to augmenting the lesson plans designed by educators.

Although individuals must establish an iTunes account, there is no registration fee. Once registered, all courses are accessible and open to anyone.

Pennsylvania Learns iTunes U courses are free and accessible via the iTunes U application or at <https://iTunes.apple.com/us/institution/pennsylvania-learns/id878690525>.

Video Tutorials

- [How to Use the iTunes U App for iPad](#)
- [How to Use the iTunes U on a PC or Mac Computer](#)
- [How to Access iTunes U Content from iPhone or iPod](#)
- [Pennsylvania Learns – Framework and Use](#)
- [Pennsylvania Learns – Navigation Menu](#)
- [Pennsylvania Learns – Posts](#)

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- Professional Development & Curriculum
- Curriculum Resources



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OVERVIEW

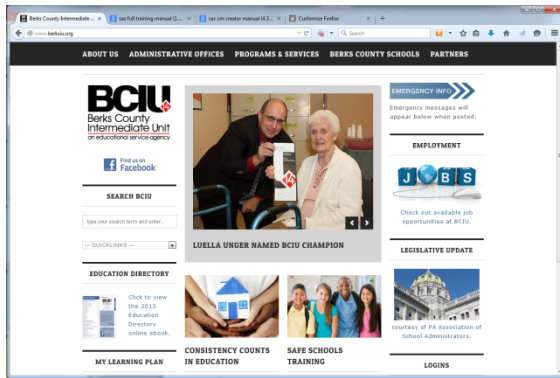
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>> Website: www.discoveryeducation.com

www.berksiu.org

- Programs & Services
- Professional Development & Curriculum
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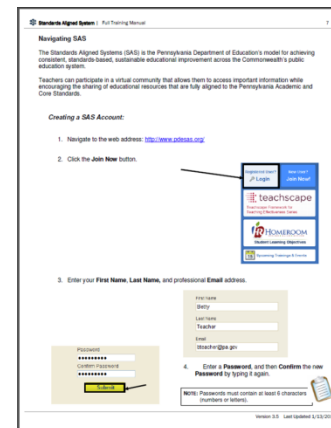
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www.berksiu.org

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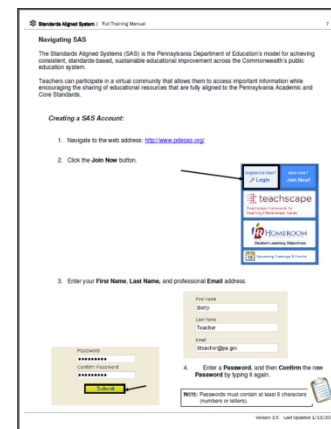
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USER GUIDES



“HOW TO” VIDEOS

